

2. US 64 - Cashiers to Rosman. Upgrade existing two lane roadway and construct climbing lanes. The widening of US 64 to 24'-wide standards will also include 3-lane sections to allow for passing of slower vehicles. (Scheduled post year (1999) construction, TIP #: R-2409)
3. NC 107 - Cashiers to South of East Laport. Construct climbing lanes (3-lane sections) in three locations. (Scheduled for construction in fiscal year 1996, TIP #: R-2224)
4. NC 281 - SR 1756 in Jackson County to north of SR 1307 in Transylvania County. Pave roadway to secondary road standards. (22'-wide pavement with approximately 4' unpaved shoulders) (Scheduled for partial construction in fiscal year 1996, TIP #: R-619)
5. US 64 - Macon County line to west of SR 1119. Install guardrail at select locations. (Scheduled for construction in fiscal year 1994, TIP #: W-2926)
6. US 64 - West of SR 1119 to the Transylvania County line. Install guardrail at select locations. (Scheduled for construction in fiscal year 1995, TIP #: W-2943)
7. NC 107 - SR 1158 to SR 1132. Install guardrail at select locations. (Scheduled for construction in fiscal year 1994, TIP #: W-2923)
8. NC 107 - SR 1132 to SR 1737. Install guardrail at select locations. (Scheduled for construction in fiscal year 1994, TIP #: W-2933)

NOTE: All Schedules are subject to availability of funds.

Design Requirements

Design requirements for thoroughfares vary according to the desired capacity and level of service to be provided. Universal standards in the design of thoroughfares are not practical. Each road or highway section must be individually analyzed and its design requirements determined by the amount and type of projected traffic, existing capacity, desired level of service, and available right of way.

The level of service is a function of the ease of movement experienced by motorists using the facility. (See Appendix A) The ability of a motorist to drive at a desired speed is dependent upon many factors. Included are the physical design of the road, the amount and character of traffic control devices, the influence and character of traffic generated by abutting property, and the imposed speed restrictions. The level of service is generally indicated by the overall travel speed experienced by traffic. Recommended minimum levels of service for roads and highways included in the proposed Jackson County Thoroughfare Plan are given in Table 8.